

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 November 2004 (04.11.2004)

PCT

(10) International Publication Number
WO 2004/095878 A3

(51) International Patent Classification⁷: **H04R 3/00**

(21) International Application Number:
PCT/US2004/012363

(22) International Filing Date: 22 April 2004 (22.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/464,617 23 April 2003 (23.04.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

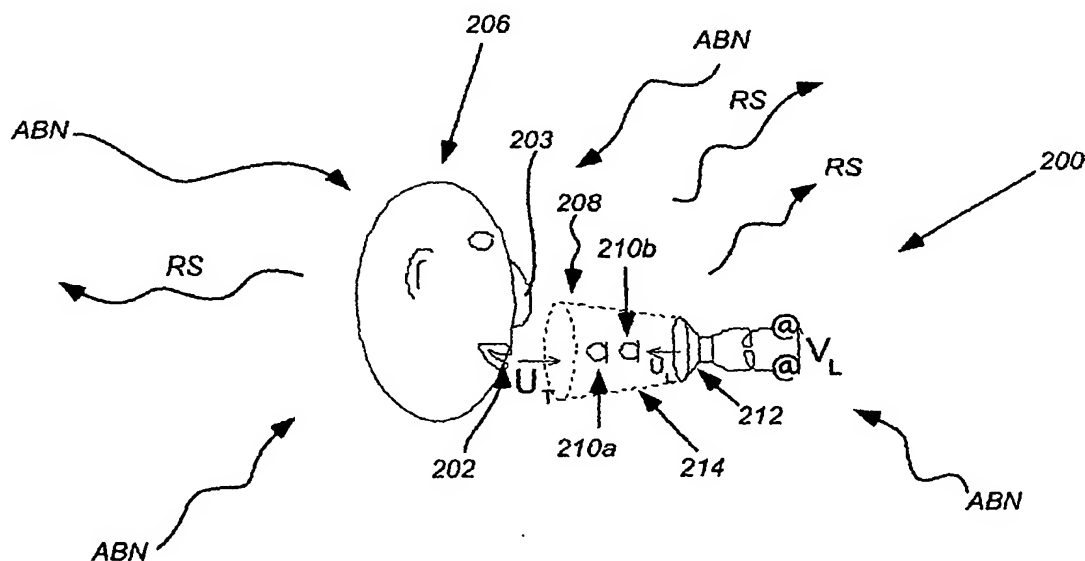
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
24 March 2005

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR SOUND TRANSDUCTION WITH MINIMAL INTERFERENCE FROM BACKGROUND NOISE AND MINIMAL LOCAL ACOUSTIC RADIATION



(57) Abstract: A transducer senses sounds produced by a talker or other source and measures acceleration of air to drive a local loudspeaker to produce a sound signal minimizing the source sum pressure signal.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/12363

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04R 3/00

US CL : 381/96

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 381/96, 92

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0044025 A1 (OUYANG et al) 06 March 2003 (06.03.2003), figure 1, abstract	1, 6-15, 21, 23-28, 33, 35-42, 47-55, 61-66, 70-74, 76, 86, 90-92, 95-97, 106-113, 116-118, 127-133, 136, 143149
Y	US 6,408,078 B1 (HOBELSBERGER) 18 June 2002 (18.06.2002), abstract, figure 1	1, 6-15, 21, 23-28, 33, 35-42, 47-55, 61-66, 70-74, 86, 90-92, 95-97, 106-113, 116-118, 127-133, 149
Y	US 6,085,078 A1 (STAMEGNA) 04 July 2000 (04.07.2000), figure 1, specification	29-32, 67, 68, 114, 115, 134
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Y	US 5,914,912 A (YANG) 22 June 1999 (22.06.1999), entire specification	22, 143

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Date of the actual completion of the international search

29 November 2004 (29.11.2004)

Date of mailing of the international search report

14 JAN 2005

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 5,812,686 A (HOBELBERGER) 22 September 1998 (22.09. 1998), figures 1, 4 and abstract	75,77,79- 82,135,137,139- 143,145-148 76, 85,136,143,144